Smart Device Print
User Manual

for iOS

Ver.1.5

Neusoft Japan Co., Ltd.

（1）Introduction

This manual describes how to correctly use the Smart Device Print application on iOS devices and the precautions of its use.

Please read this document carefully before using the application.

・Application Overview

This application is one that can print photos or documents on iPad/iPhone using Ricoh printers or MFP.

・Supported iOS devices

iPad, iPad 2, iPad (the 3rd generation), iPad (the 4th generation), iPad mini, iPhone3GS, iPhone4, iPhone4S, iPhone5*

*：This application is not designed for display on the 4-inch screen of iPhone5, but there is no problem running it on iPhone5.

・Supported iOS versions

iOS 4.3 or above

・Printer or MFP to print with

Ricoh printers or MFP

For more information on supported models (models on which this application has been tested OK), please refer to the support page.

・LF (location free) print server to print with

Enhanced Locked Print NX FlexRelease Server V2

・On-demand print application to print with

Enhanced Locked Print NX V2

（2）How to read this manual

2-1. Annotations used in this manual

Important: indicates things you should pay attention to when using the functions of the application.

Be sure to read carefully, as failure to do so may lead to unexpected

consequences such as misprint or loss of data.

Note: indicates additional information to the functions, as well as measures to be taken in case of improper operation.

Buttons or items on the operation screens in this application are indicated by [ ].

Operations and settings other than those done in the application, such as settings on iOS, iOS device or iTunes, are indicated by <> .

2-2. Notes on this manual

This manual is created based on iPad 2/iPhone4S with iOS version 4.3 or above.

The contents in this manual are subject to change without notice.

Please understand that some of the illustrations or descriptions in this manual may vary due to changes for improvement in this application, iOS, iOS device or iTunes.

This manual shall not be copied, duplicated, changed, quoted or reproduced in part or in full without permission.

（3） What can you do with this application

- Print the photos in <Photograph> applications on iOS devices.
- Print the documents (PDF, iWork, MSOffice) shared between the application and your computer through iTunes' <File Sharing> .
- Print the images or texts saved on the clipboard.
- Print the web pages displayed in this application.
- Print the photos or documents opened in this application by using <Open in... > in other applications.
- Print securely using user code or user authentication.
- Print using on-demand print application.
- Print using LF (location free) print server.

（4） When using this application

4-1. Connecting your iOS device to Wi-Fi

1. On your iOS device, select <Settings> , <General> and <Network> , then select ON for <Wi-Fi> .
2. Select and set Wi-Fi network according to your environment and make Wi-Fi connection.

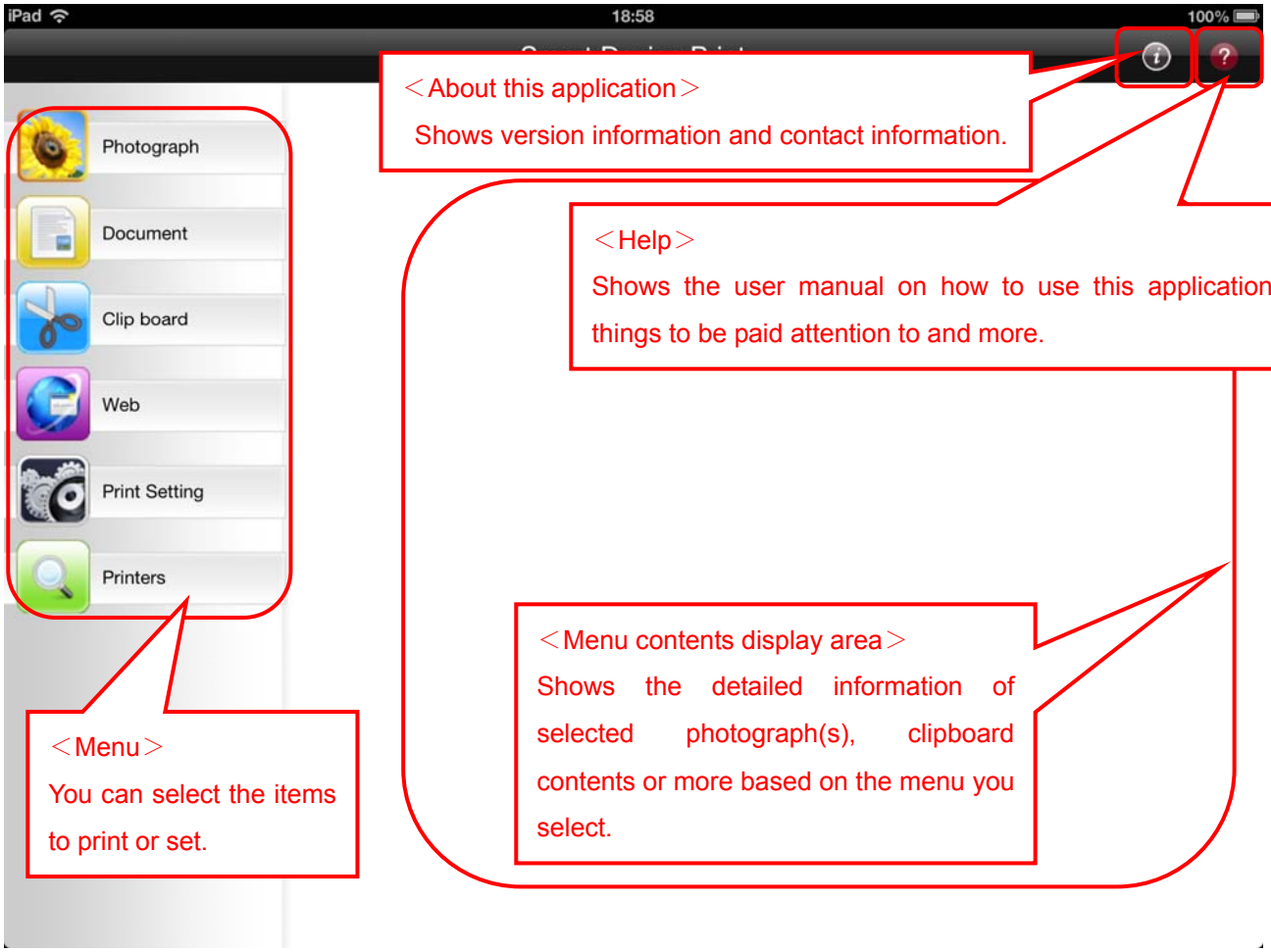
Note: For more information on network settings, please contact your network administrator.

4-2. Connecting to printer or MFP

Please check the user manual of the printer or MFP you are going to use, or consult your network administrator.

（5） Screens in this application

5-1. Basic Screen


iPad
18:58
100%
Photograph
Document
Clip board
Web
Print Setting
Printers
＜About this application＞
Shows version information and contact information.
＜Help＞
Shows the user manual on how to use this application, things to be paid attention to and more.
＜Menu contents display area＞
Shows the detailed information of selected photograph(s), clipboard contents or more based on the menu you select.
＜Menu＞
You can select the items to print or set.

・Menu

You can select the items to print or set. Available menus are as follows:
[Photograph] menu, [Document]menu, [Clipboard] menu, [Web] menu,[Print setting] menu, [Printers] menu

・About this application

Shows version information and contact information.

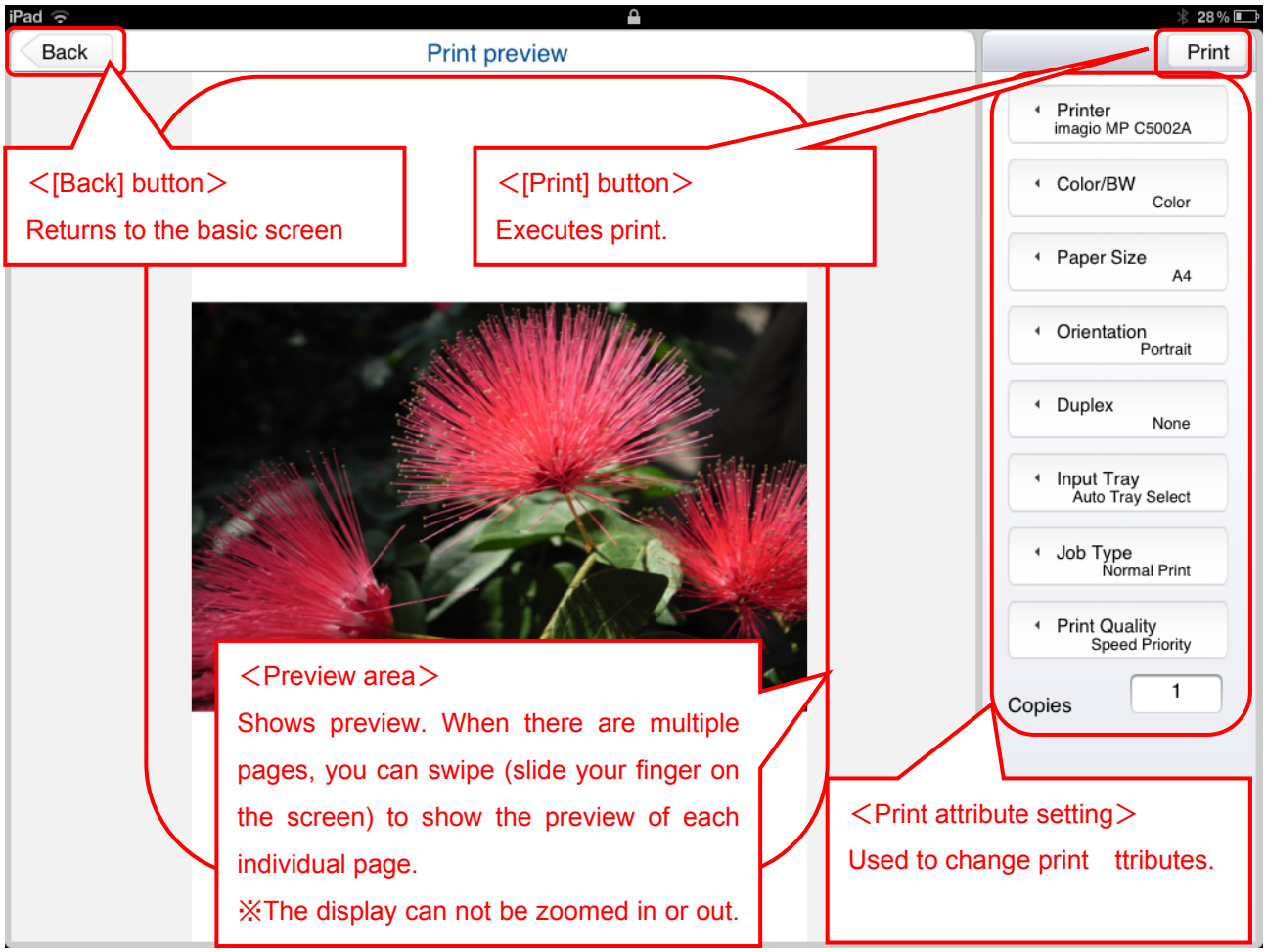
・Help

Shows the user manual on how to use this application, things to be paid attention to and more.

・Menu contents display area

Shows the detailed information of selected photo(s), clipboard contents or more based on the menu you select.

5-2. Print Preview Screen



・[Back] button

Returns to the basic screen.

・Preview area

Shows preview. When there are multiple pages, you can swipe (slide your finger on the screen) to show the preview of each individual page.

Note: The display can not be zoomed in or out.

・Print attribute setting

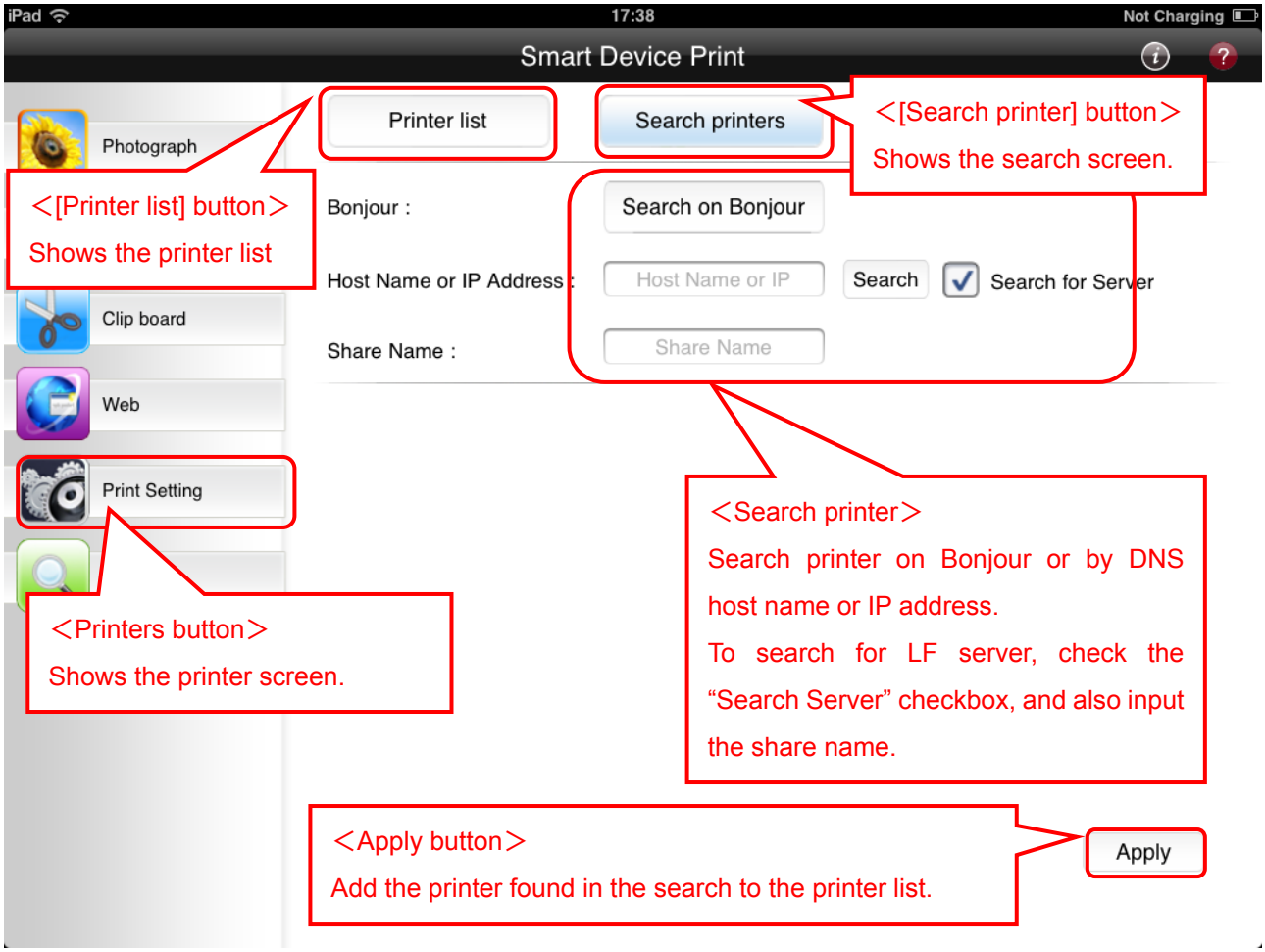
Used to change print attributes.

Note: Even when [Page Layout] is set to [2 in 1], it will not be reflected in the preview.

・ [Print] button

Executes print.

（6） Specifying the printer, MFP or LF (location free) print server to print with



6-1. Searching and specifying the printer or MFP to print with on Bonjour

1. Select [Printers] menu, and press [Search printer] button.
2. Press [Search on Bonjour] button.
3. When search results are displayed, select one or more printers you want to add.
4. Press [OK] button to add the printer(s) to [Printer list].
5. Select a printer or MFP to print with from the printers displayed in [Printer list].

Note: Printers or MFPs on which this application has not been tested are also shown in the search results. Please confirm whether the model is one on which this application

has been tested OK.

Note: The printer or MFP to search must be in the same subnet as your iOS device.
Note: The printer (except for GELJET printer) or MFP is required to support PS3 or AirPrint.

6-2. Specifying printer or MFP by manually inputting DNS host name or IP address

1. Select [Printers] menu, and press [Search printer] button.
2. Press the input field next to [Host Name/IP Address:].
3. Input IP address with the keyboard displayed.
4. Press [Search] button.
5. When search results are displayed, select the printer(s) to add to the printer list.
6. Press [OK] button to add to [Printer list].
7. Select the printer or MFP to print with from the printers displayed in [Printer list].

Note: Please input an IP address that consists of four numbers ranging from 0 to 255 separated by periods (for example, 168.190.0.1).
Note: The printer or MFP must support SNMP.
Note: Printers or MFPs on which this application has not been tested may also be specified. Please confirm whether the model is one on which this application has been tested OK.
Note: For host name, please input the host name registered in DNS server.

6-3. Specifying LF server by manually inputting DNS host name or IP address

1. Select [Printers] menu, and press [Search printer] button.
2. Check the [Search Server] checkbox.
3. Tap the input field next to [Host name/IP address:]
4. Input the host name or IP address with the keyboard displayed.
5. Tap the input field next to [Share Name:]
6. Input the share name with the keyboard displayed.
7. Press the [Search] button.
8. When the search results are displayed, select the printer to add.
9. Press the [Apply] button to add to [Printer list].
10. Select a LF server from the printers displayed in the [Printer list].

Note: Please input an IP address that consists of four numbers ranging from 0 to 255 separated by periods (for example, 168.190.0.1).
Note: Please refer to “LF (location free) print server to print with” in “(1) Introduction” for

supported LF server.

Note: Please input the share name set to LF server for Share Name. Please contact your network administrator for details.

Note: Share name in double-byte characters can not be set in this application.

Note: For host name, please input the host name registered in DNS server.

Important: When a LF server is specified, [PDF direct print] is always displayed. Please check the [PDF direct print] checkbox only when the LF server you are using supports PDF direct print function. If you can not print correctly with the PDF Direct Print function, please uncheck the [PDF Direct Print] check box and print again.

Important: For printers or MFPs that support PDF Direct Print function, the [PDF Direct Print] check box will be displayed and checked automatically. If you can not print correctly with the PDF Direct Print function, please uncheck the [PDF Direct Print] check box and print again.

Important: If the information (such as IP address) of a printer or MFP registered in the printer list is changed, please delete the printer or MFP from the printer list, and then add it to the list again. Otherwise, unexpected problems may occur as the printer tries to print with the information before the change.

（7）Setting print attributes

There are two screens for setting print attributes.

7-1. Setting print attributes

1. Press Print Preview button in [Photograph] menu /[Clipboard] menu/[Web] menu screen. Or select a document from [Document] menu screen.
2. Set print attributes as necessary.

7-2. Setting initial values for the print attributes displayed in print preview screen

The changes to the settings will not be reflected until the next time the application starts. If this application remains in the multitasking list, changes will not be reflected even when you go back to the Home screen or switch to another application.
To reflect the changes, please delete the application from the multitasking list and restart the application.

1. Select [Print setting] menu.
2. Set print attributes as necessary.

Available print attributes are as follows:

[Printer]

Select a printer or MFP to print with from the registered printers.

- Available printers
  Printers registered in the printer list

Initial setting: printers set as initial setting on the Printer List screen
Note: please register a printer if none has been registered.

[Color/BW]

Select whether to print in color or in BW.

- Color
- Black and white

Initial setting: Color

Important: When a black and white original is printed with the Color setting, it is printed using CMYK toner as a colored original. Therefore, it is counted in the color

counter in the printer. If you only want to use K toner to print, please set to BW.

[Paper size]

Sets paper size.

・Available paper sizes

A3, B4, A4, B5, A5, 11×17, Legal(8 1/2 × 14), Letter(8 1/2 ×11), 5 1/2 × 8 1/2

Initial setting: A4

[Paper type]

Sets paper type.

・Available paper types

Plain & Recycled, Coated paper

Initial setting: Plain & Recycled

[Orientation]

Sets paper print orientation.

・Portrait

・Landscape

Initial setting: Portrait

[None/Duplex]

Select to print on one side or two sides.

・ None

・Duplex (Open to left)

・Duplex (Open to top)

Initial setting: None

[Page layout]

Select whether or not to print 2 pages into 1 page.

・2 in 1

・None

Initial setting: None

[Input tray]

Select the paper tray to print from.

・Available paper trays

Auto tray select, tray 1, tray 2, bypass tray

Initial setting: Auto tray select

[Job type]

Select how to print.

・Normal print

・Locked print

Initial setting: Normal print

Note: When Locked print is selected, please set user ID and password.

[Print quality]

Select print method.

・Speed priority

Increase print speed without greatly lowering the print quality.

・Quality priority

Print with priority given to image quality.

・High quality

Print with the highest image quality, but it takes some time.

∗This option is available when you want to print photo, PDF or clipboard contents on iOS devices other than iPhone3GS/iPad(1st generation).

Initial setting: Speed priority

Note: Please close other applications and use lower print quality setting when you can not print correctly with high quality setting.

[Font size]

Set the font size to print the copied text in clipboard.

・Small (10 points)
・Medium (12 points)
・Big (14 points)

Initial setting: Medium (12 points)

[Pages]

Specify print pages.

・from 1 to 99

Initial value: from 1 to 1

[Copies]

Specify the number of copies.

・1~99

Initial setting: 1

[User ID]

Set for locked print or when on-demand print application is used for printing.

・up to 8 alphanumeric [a-z,A-Z,0-9] characters

Initial setting: blank

<Locked Print Details>

[Password]

Set the password for locked print.

・4-8 digit numbers

Initial setting: blank

<Authentication settings>

Set user authentication and user code authentication.

When user authentication setting is on, login user name and login password can be inputted.
When user authentication setting is off, user code can be inputted.

Note: If the driver encryption key set to the printer is changed from its initial setting, user authentication from this application will fail.
Please contact your administrator for the setting of the driver encryption key.

[User authentication]
Select whether to print with user authentication information or not.
On
Off

Initial setting: off

[Login user name]
Set the login user name for user authentication.
・alphanumeric characters/symbols

Initial setting: blank

[Login password]
Set the login password for user authentication.
・alphanumeric characters/symbols

Initial setting: blank

[User code]
Set the user code for user authentication.
・up to 8-digit numbers

Initial setting: blank

The print attributes that can be set in Print setting and Print preview screens are as follows.

○：Can be set　-：Can not be set

		Screens				
		Print setting	Photograph-Print preview	Document-Print preview	Clipboard-Print preview	Web Print preview
Print attributes	Printer	－	○	○	○	○
	Color/BW	○	○	○	○	○
	Paper size	○	○	○	○	○
	Paper type	○	○※1	○※1	○※1	○※1
	Orientation	○	○	○	○	○
	None/Duplex	○	○	○	○	○
	Page layout	－	－	○※2	－	－
	Input tray	○	○	○	○	○
	Job type	○	○	○	○	○
	Print quality	○	○	○※3	○	－
	Font size	－	－	－	○	－
	Pages	－	－	○※4	－	－
	Copies	○	○	○※5	○	○※5
	User ID	○	－	－	－	－
	<Locked print details> ・Password	○	－	－	－	－
	<Authentication settings> ・User authentication ・Login user name ・Login password ・User code	○	－	－	－	－

*1: Can be set only when you are printing with a GELJET(GelSprinter).

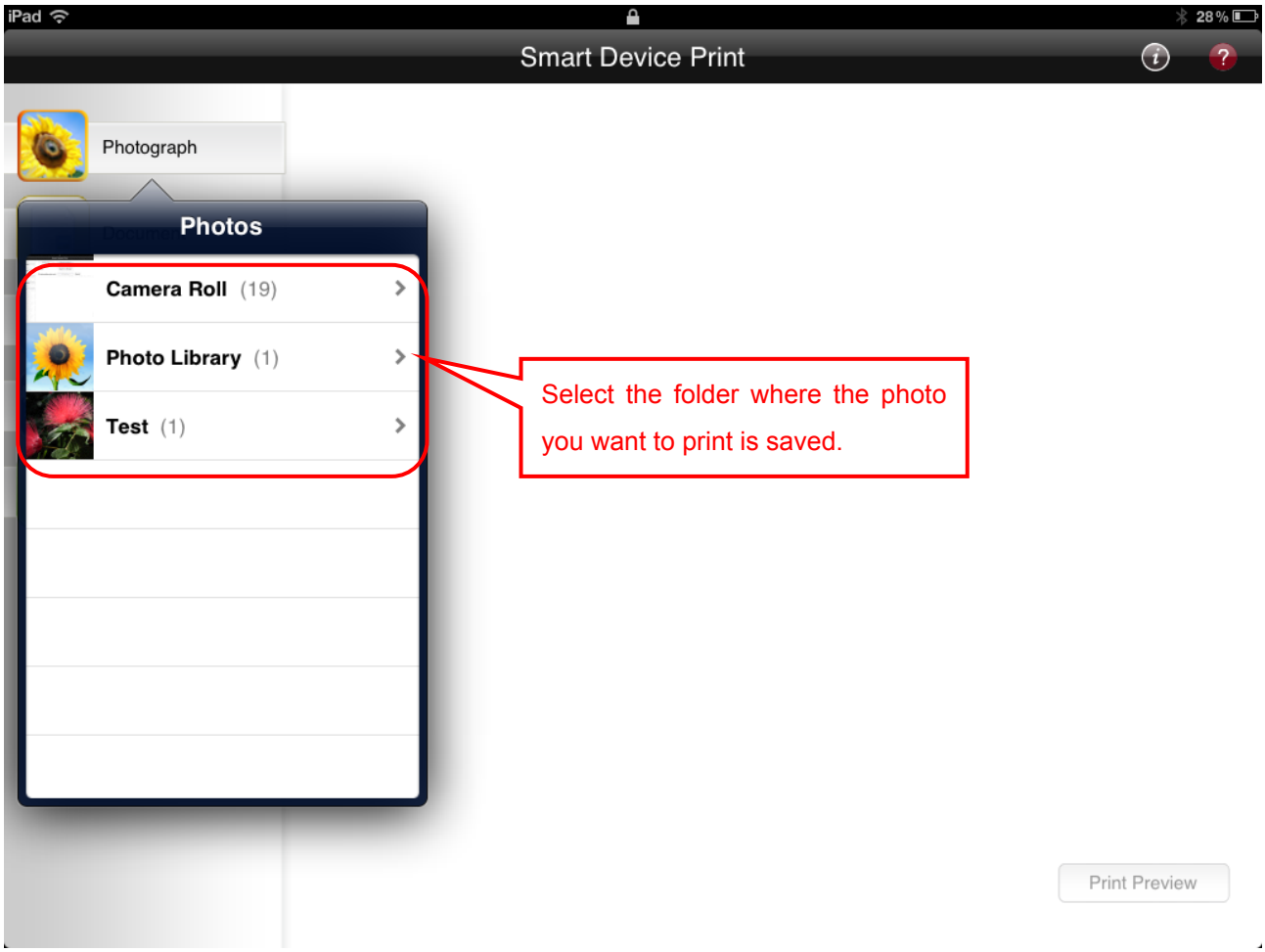
*2: Can be set only when you are printing with PDF Direct Print function.

*3: The prerequisite is that ”High quality” setting can be selected.
Please refer to “[Print quality]” in “(7) Setting print attributes”.

*4: Can be set only when the document is a PDF document.

*5: When more than 2 copies are set, they are always collated and printed. However, on printers or MFPs that do not support Collate function, they are stacked and printed.

(8) Printing photos



Print the photos in <Photograph> application on your iOS device.

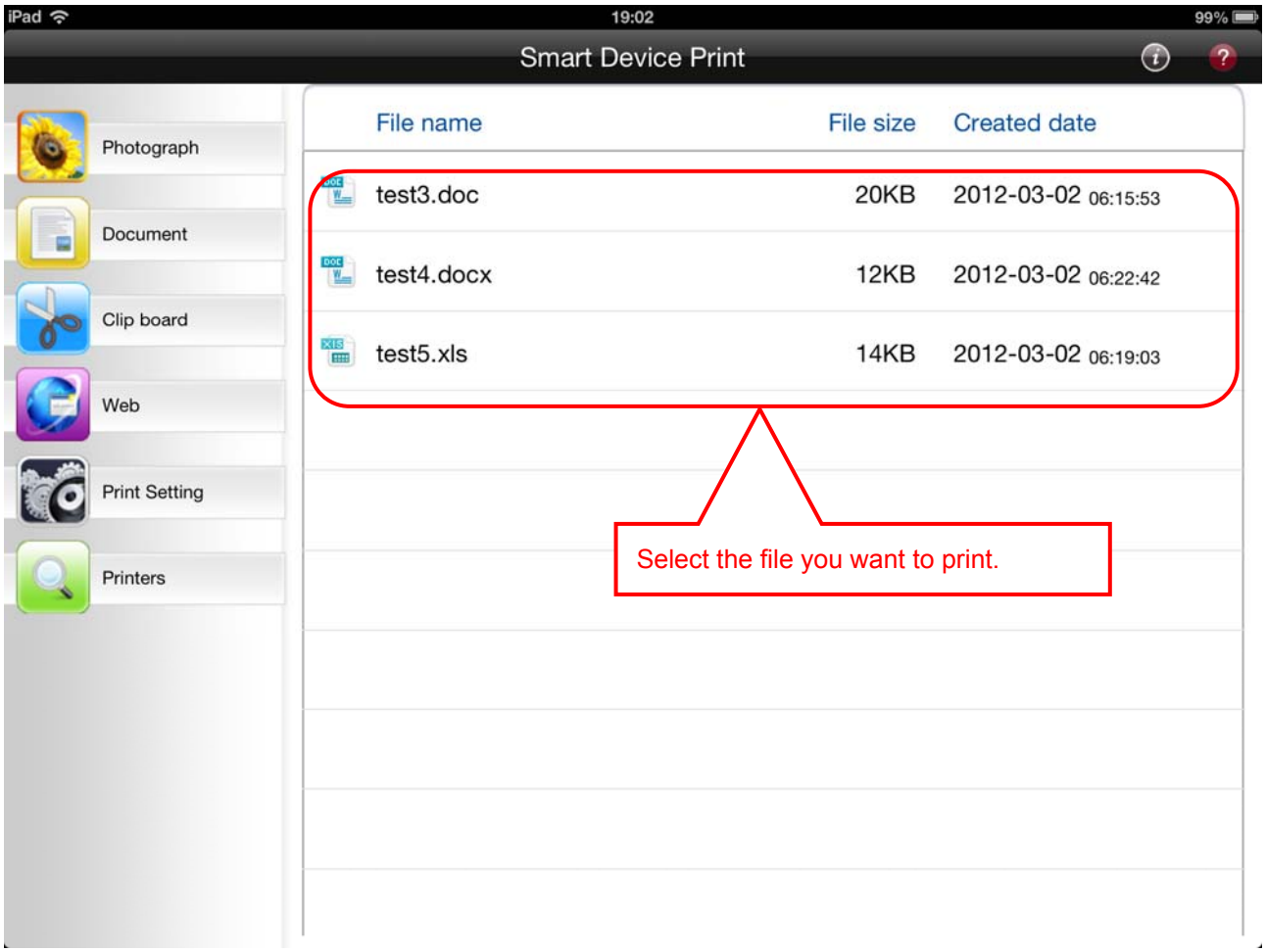
1. Select [Photograph] menu.
2. The photos in <Photograph> application will be displayed in a list.
3. Select one or more photos to print from the list.
4. Press [Print preview], and the preview will be displayed.
5. Set print attributes as necessary.
6. Press [Print] button.

Note: For more information on each print attribute, please refer to "(7) Setting print attributes".

Note: If you do not want to print a photo already selected, press the photo to remove the check mark. If you want to print the photo again, press it so that a check mark appears on its upper right corner.

Note: After you have selected a photo and switched from [Photograph] menu to another menu, when you switch back to [Photograph] menu, a message will be displayed asking whether you are sure to cancel the selection of photograph. Press [OK] to cancel the selection, or press [Cancel] to continue selecting photos in the [Photograph] menu or to print.

(9) Printing document



Print the documents (PDF, iWork, Microsoft Office) shared between this application and the computer you are using through iTunes' <File sharing> .

9-1. Importing documents to iOS device

1. Connect your iOS device to iTunes.
2. Select the <Apps> tab of your iOS device displayed under <Device> in iTunes.
3. Select "Smart Device Print" in the <Apps> list of <File sharing> under <Apps> .
4. When <Smart Device Print document> list is displayed, drag document(s) to the list or press <Add...> button to add document(s) to the list.

Note: The documents that can be selected for printing by this application are as follows.
Files in PDF（pdf）, Microsoft Office（xls, xlsx, doc, docx, ppt, pptx）, or iWork（pages, numbers, key）format

Note: xls or xlsx files will be printed sheet-by-sheet.

Important: Since Microsoft Office（xls, xlsx, doc, docx, ppt, pptx）or iWork（pages, numbers, key）files are printed based on print preview by iOS's WebView, they may not be printed in correct layout. We recommend you to convert them to PDF before importing to iOS device.

9-2. Printing imported documents

1. Select [Document] menu.
2. The imported documents will be displayed in a list.
3. Select the document you want to print from the list.
4. The document will be previewed.
5. Set print attributes as necessary.
6. Press [Print] button.

Note: For more information on each print attribute, please refer to"(7). Setting print attributes".

Note: When you specify a printer or MFP to print PDF file, if [PDF Direct Print] checkbox is checked, the PDF file will be printed using PDF Direct Print function.

[PDF Direct Print] checkbox is only displayed when the printer or MFP supports PDF Direct Print function.

Note: Due to additional PDF functions such as encrypted PDF, documents may not be correctly previewed or printed.

Note: For more information on the PDF versions supported by PDF Direct Print function, please check the user manual of the printer or MFP you are using, or consult your network administrator.

Note: PDF files can be printed without using PDF Direct Print function, however the image quality may deteriorate compared to when they are printed using PDF Direct Print function.

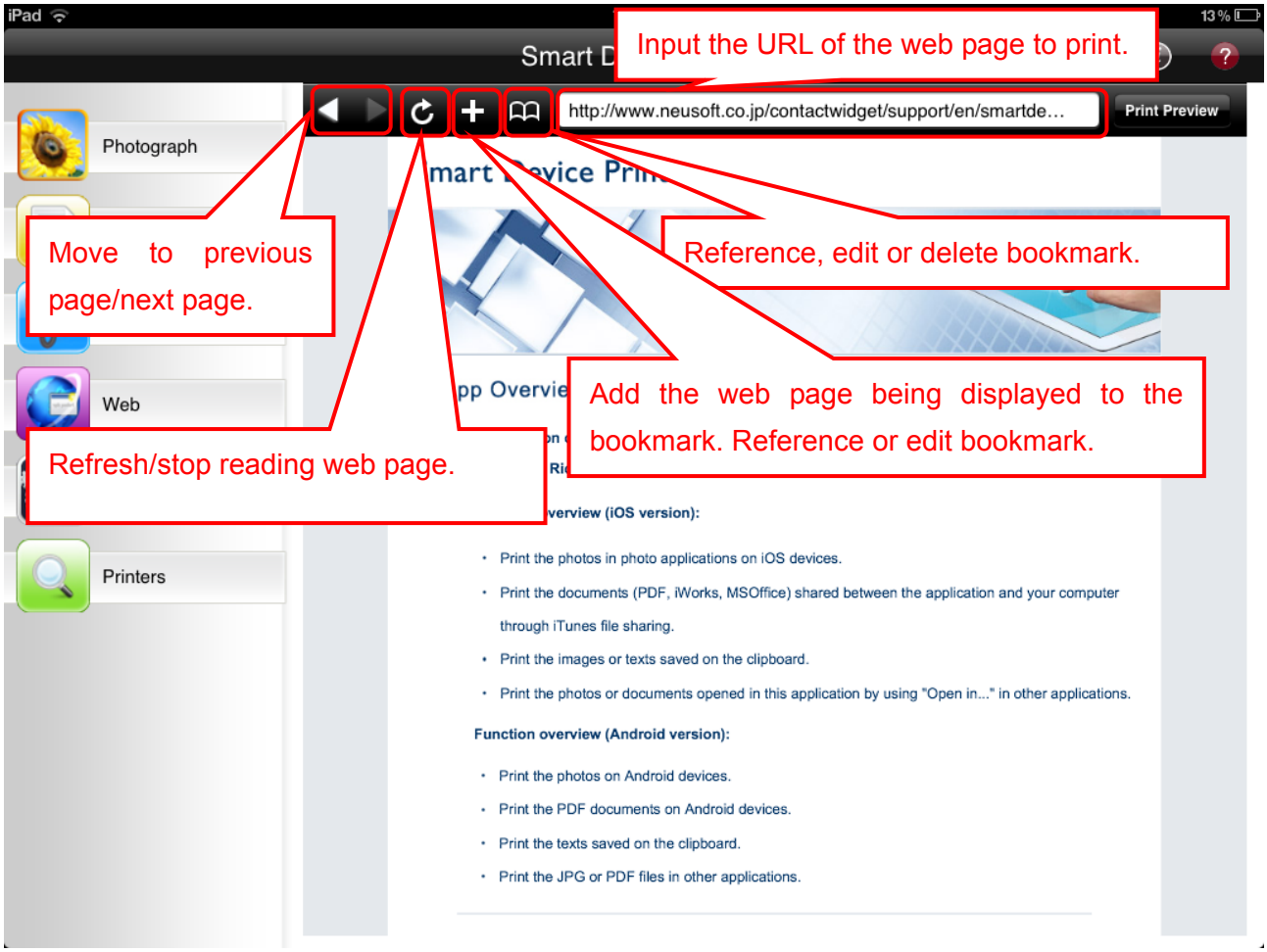
(10) Printing clipboard contents

Print the contents copied onto the clipboard.

1. Select [Clipboard] menu.
2. Press [Print preview] button.
3. Set print attributes as necessary.
4. Press [Print] button.

Note: For more information on each print attribute, please refer to "(7) Setting print attributes".
Note: To copy photo or text to the clipboard, press and hold the photo or text you want to copy in other applications to copy it. For details, please refer to the user manual of the iOS you are using or the application you want to copy from.

(11) Printing Web pages


Input the URL of the web page to print.
Move to previous page/next page.
Reference, edit or delete bookmark.
Add the web page being displayed to the bookmark. Reference or edit bookmark.
Refresh/stop reading web page.
http://www.neusoft.co.jp/contactwidget/support/en/smartde…
Print Preview
Photograph
Web
Printers
Print the photos in photo applications on iOS devices.
Print the documents (PDF, iWorks, MSOffice) shared between the application and your computer through iTunes file sharing.
Print the images or texts saved on the clipboard.
Print the photos or documents opened in this application by using "Open in..." in other applications.
Function overview (Android version):
Print the photos on Android devices.
Print the PDF documents on Android devices.
Print the texts saved on the clipboard.
Print the JPG or PDF files in other applications.

Print the web page displayed in the application.

1. Select [Web] menu.
2. Tap the URL input field.
3. Input the URL of the web page to print using the keyboard displayed.
4. Set print attributes as necessary.
5. Press [Print] button.

Note: Bookmarks are for this application only.

Note: Depending on the web page to display, web page may not be previewed or printed correctly.

(12) Printing photos or documents in other applications

Print the photos or documents opened in Smart Device Print application by using <Open in... > in other applications.

1. In another application, select the photo or document you want to print in Smart Device Print application, then with the photo or document displayed or selected, select <Open in...> in the application.
2. The applications available for <Open in...> are listed.
3. Select Smart Device Print from the list.
4. The application is switched to Smart Device Print, and the photo or document to print is previewed in Smart Device Print.
5. Set print attributes as necessary like you do in “9-2 Printing imported documents”, and press [Print] button to print.

Note: For information on things that need your attention, please refer to Note and Important in “9-2 Printing imported documents”.

Note: Since the exact expression of <Open in...> function may vary with applications, please refer to the user manual of the application you are using.

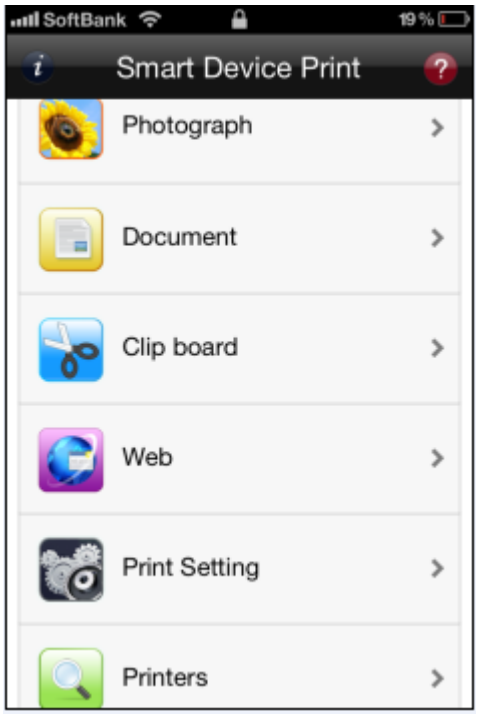
Note: A maximum of 9 applications can be selected with <Open in...> function. If Smart Device Print is not shown in the list, please delete other application(s) from the list.

Reference: Operation screens on iPhone

The following screens are those on iPhone that correspond to the iPad operation screens described in this manual.

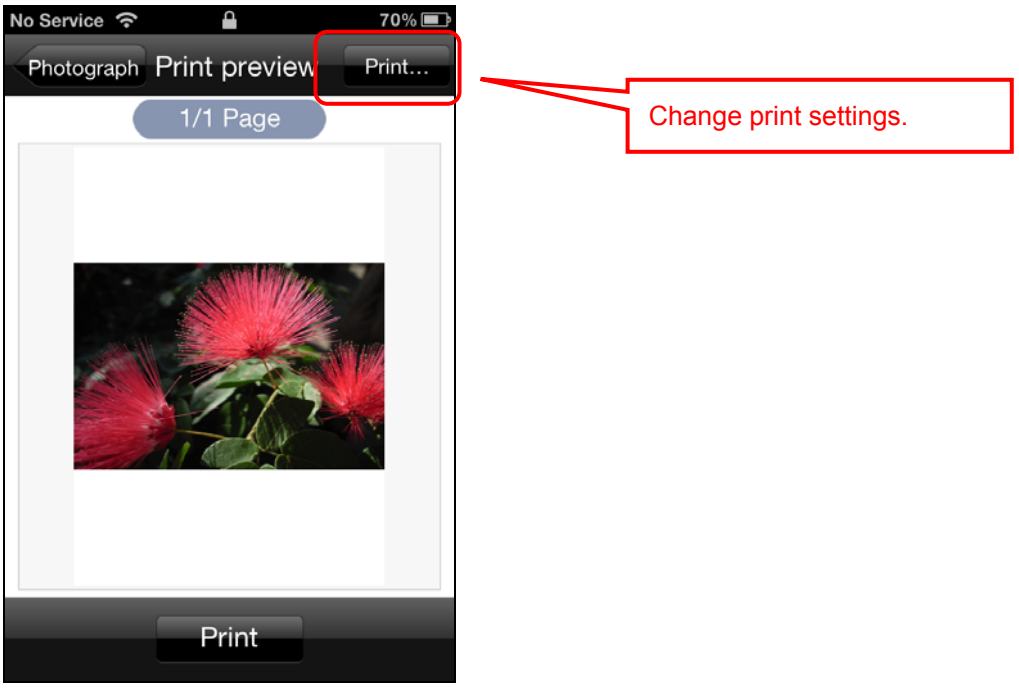
When you press each button, you will get the same function on iPhone as you have on iPad.

1. Basic Screen (See “5-1. Basic Screen” in this manual)\

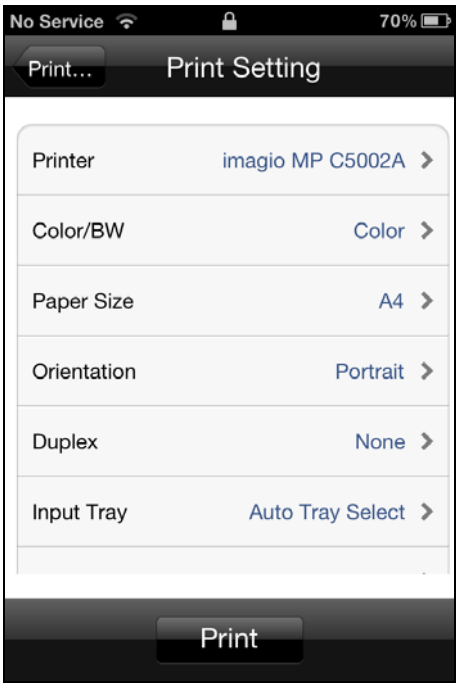


2. Print Preview Screen (See “5-2. Print Preview Screen” in this manual)

2-1. Print Preview Screen

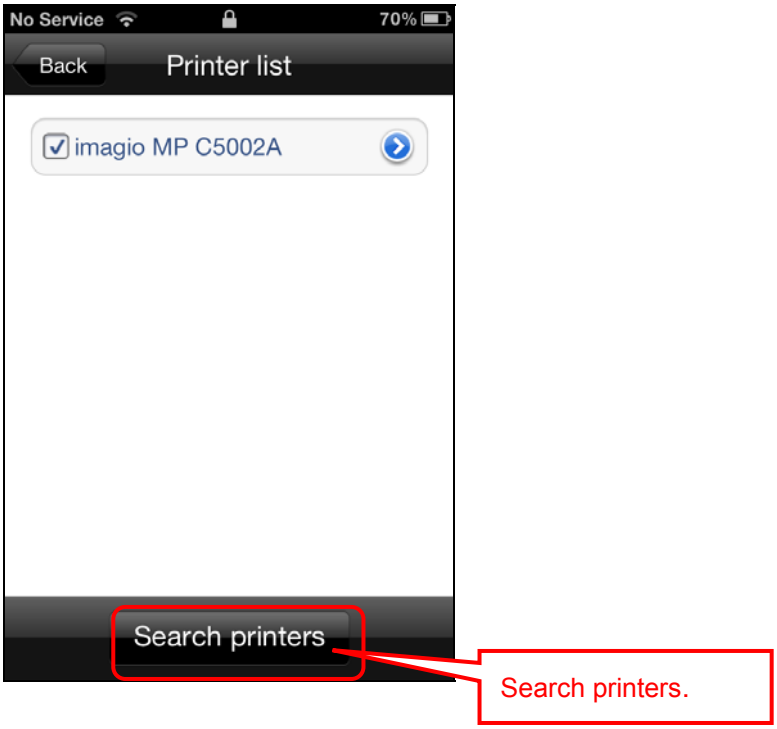


2-2. Print Setting Screen

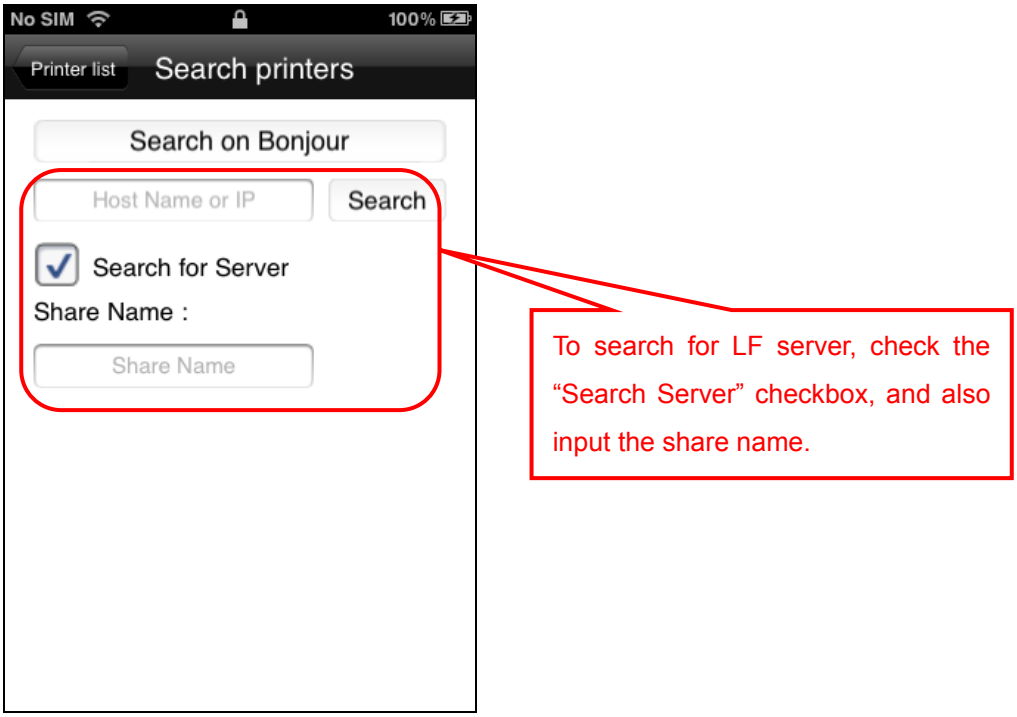


3. Printers Screen (See “(6) Specifying the printer, MFP or LF (location free) server to print with” in this manual)

3-1. Printer List Screen

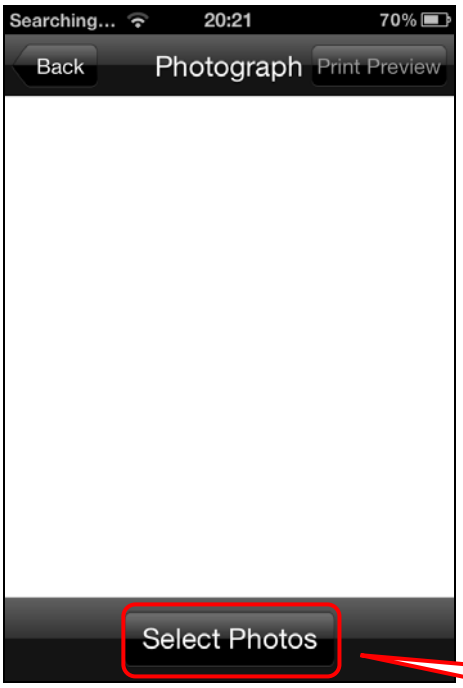


3-2. Search Printers Screen



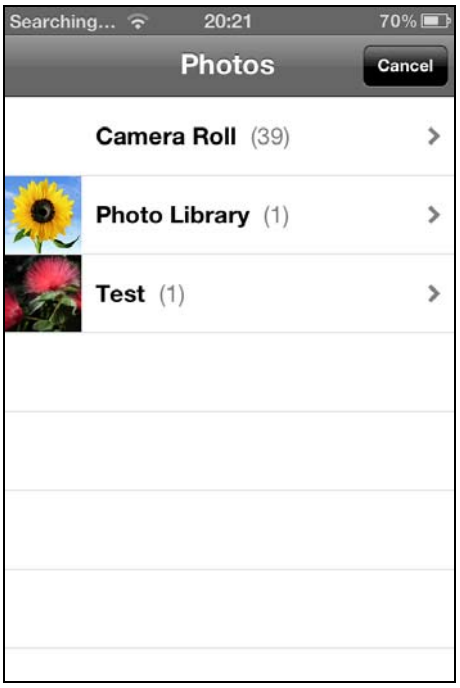
4. Photo Selection Screen (See “(8) Printing photos” in this manual)

4-1. Photograph Screen

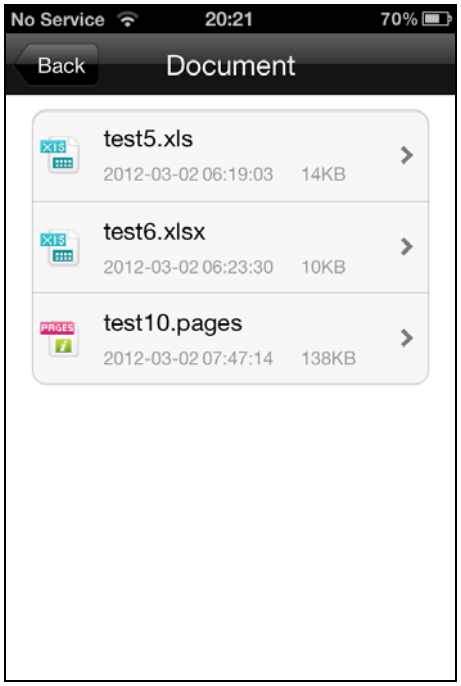


Select photos.

4-2. Photo Selection Screen



5. Document Selection Screen (See "(9) Printing document" in this manual)



6. Web Page Display Screen (See "(11) Printing Web page" in this manual)